Program 1

Deploy Files to Github via GIT

Prerequisite

Install gitbash software

<https://git-scm.com/downloads>

Graphical user interface, website

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To check the public key is configured or not

Key creation

Text

Description automatically generated

Graphical user interface

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Click on settings

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

If key is already there in github account- don’t change any thing

Step : if key not there follow steps

Follow the steps to generate RSA Key

Public key generation

Graphical user interface, application

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Graphical user interface, text, application, email

Description automatically generated

Click on ssh

Graphical user interface, text, application

Description automatically generated

Give some name like key23

Graphical user interface, text, application, email

Description automatically generated

So we need to generate key

Steps to generate key

Cd .ssh



ssh-keygen -t rsa

ls

A picture containing graphical user interface

Description automatically generated

To view public key

cat id-rsa.pub

Text

Description automatically generated

Copy code with no blank spaces

Text

Description automatically generated

And paste in git hub key

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, chat or text message

Description automatically generated

Again login

Graphical user interface, text, application, email

Description automatically generated

It is the process of verifying key is available in github.com

If key is not there generate key by following steps

To deploy files via Git Bash to Git hub repository

Use ctrl + l to clear screen

A picture containing company name

Description automatically generated

Create new repository in github.com

Graphical user interface, text, application, chat or text message, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text

Description automatically generated

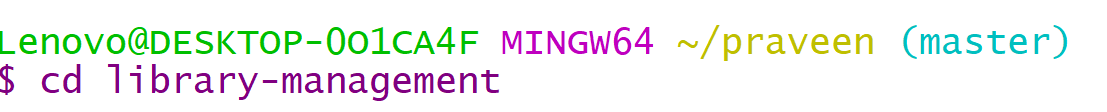
Graphical user interface, application

Description automatically generated

Graphical user interface, text

Description automatically generated

git clone [git@github.com:sriharshaklu/library-management.git](mailto:git@github.com:sriharshaklu/library-management.git)



A picture containing logo

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To create files

Use touch file name.extension

To add content in the file

Use command

Vi filename.extension

Text

Description automatically generated with medium confidence

If you want to want to write

Press insert button in key board

After writing the code

If you want to close vi prompt

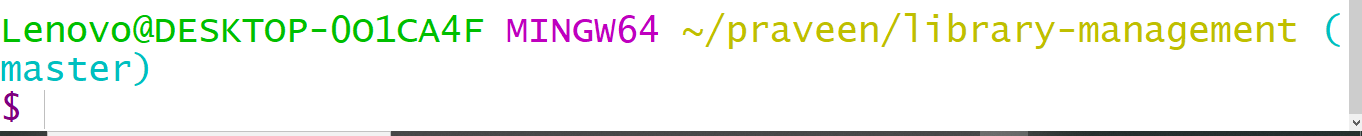
Press esc button

Then type

:wq

Press enter

To come to main prompt i.e $



Before adding files check git status – files are in red color

Graphical user interface, text, application, email

Description automatically generated

The apply command

git add .

Text

Description automatically generated

Text

Description automatically generated

files are green color indicates that added to github repository

Text

Description automatically generated

Text

Description automatically generated

Refresh the github repository page

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, website

Description automatically generated

Click on HelloWorld.java

Graphical user interface, text, application, email

Description automatically generated

Then create pipeline in azure to build java program